

| N11-1 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
|--------------|------------------|-----------------------------|-----------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1 | 1.5 1.5 | Black/Yellow Black/White | 4 | 30 | Left electric window Right electric window | From |
| 2 | 2.5 | Black/Red | 3 | 20 | Interior heater fan. Heated seats control modules | From |
| 3 | 1.5 | Black/Yellow | 8 | 20 | Ignition coils: cylinders 1,2,3 | From |
| 4 | 1.5 1.5 | Pink/Red Pink/Red | 2 | 20 | Wiper stalk supply Wiper motor (via relay) | From From |
| 5 | 1.0 | Violet | 13 | 15 | Front fog lamp supply (constant live) | From |
| 6 | 2.5 | Red/Black | 14 | 25 | ESP control unit supply (constant live) | From |
| 7 | 2.5 | Pink | 12 | 15 | Radio supply (constant live) | From |
| 8 | - | - | 1 | 15 | Starter motor relay | From |
| N11-2 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | 0.5 | Brown/Green | - | - | MEG (ECU) | From |
| 2 | 2.5 | Black | 28 | 30 | Heated rear window, heated wing mirrors | From |
| 3 | 1.5 | Red/White | 11 | 7.5 | Instrument cluster, pods, trip computer, key receiver (constant live) | From |
| 4 | 0.35 | Red/Green | 11 | 7.5 | Triangle (hazard lights, central locking buttons - constant live) | From |
| 5 | 4.0 | Brown | - | - | Ground for electric soft top relay | From |
| 6 | 4.0 | Yellow | 29 | 25 | Soft top motor (via relay) | From |
| 7 | 0.35 | Blue | - | - | MEG (ECU) Gear select system (constant live) | From |
| 8 | 4.0 | Red/White | 29 | 25 | Soft top motor (via relay) | From |
| N11-3 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | - | - | 17 | 15 | Rear wiper - not used on any Roadster | - |
| 2 | 1.5 | Grey | 18 | 7.5 | Crash system (airbags, seat belts, ECU, ESP) | From |
| 3 | 0.5 0.5 | Red/Yellow Red/Yellow | 19 | 7.5 | Electric wing mirror switch & supply Electric soft top switch | From From |
| 4 | 1.0 | Blue | 20 | 15 | Front fog light relay, trip computer, radio, heated seat modules, power steering, rain/light sensor switched live supply. | From |
| 5 | 1.5 | Blue/Yellow | 21 | 15 | Cigarette lighter | From |
| 6 | 1.0 | Grey/Red | 22 | 7.5 | Right headlight (low beam) | From |
| 7 | 1.0 | Blue/Green | 23 | 7.5 | Left headlight (low beam) | From |
| 8 | 1.0 | White | 24 | 7.5 | Right headlight (full beam) | From |

| N11-1 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
|--------------|------------------|----------------------------|-----------------|--------------------|---------------------------------------------------------------|--------------------|
| 9 | 0.5 1.0 | White/Blue White/Blue | 25 | 7.5 | Dashboard indicator (full beam) Left headlight (full beam) | From From |
| 10 | 1.5 | Red/Black | 16 | 10 | Fuel pump, fuel level sensor | From |
| 11 | 1.0 | Blue/Red | 26 | 15 | Brake lights (via brake switch - constant live) | From |
| 12 | 1.5 | Red/White | 27 | 7.5 | MEG (ECU) power supply (constant live) | From |
| N11-4 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | 4.0 | Red/Black | - | - | Ignition switch in position 1 (switched live supply) | To |
| 2 | 4.0 | Red/Blue | 30 | 40 | Gearshift system | From |
| N11-5 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | - | - | - | - | Not used | - |
| 2 | - | - | 17 | 15 | Rear wiper - not used on any Roadster | - |
| 3 | 1.5 | Red | 2 | 20 | Wiper motor (via external relay) | From |
| 4 | - | - | - | - | Wiper motor relay signal | - |
| 5 | 1.5 | Brown | - | - | SAM wiper motor relay ground | From |
| 6 | 0.75 | Red/White | 5 | 7.5 | Indicator, headlight stalk (constant live) | From |
| 7 | 1.0 | Brown/White | 6 | 7.5 | Right side lights, interior backlights, numberplate lights | From |
| 8 | 0.5 | Red/Green | 12 | 15 | Interior light, rain/light sensor supply (constant live) | From |
| 9 | 0.5 0.75 | Brown/Yellow Brown/Grey | 7 | 7.5 | Left front side light Left rear side light | From |
| 10 | 1.5 | Green | 9 | 10 | Engine connector (ESP) | From |
| 11 | 0.5 | Black/Pink | 10 | 15 | MEG (ECU) Fuel pump instruction | From |
| 12 | 2.0 | Yellow/Black | 10 | 15 | MEG (ECU) Engine run signal | From |
| N11-6 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | 2.5 | Blue | 1 | 25 | Starter motor | From |
| 2 | 2.5 | Pink | 32 | 30 | Exhaust CAT preheater | From |
| N11-7 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | 3.0 | Red/White | 35 | 30 | EPS - Power steering (constant live) | From |
| 2 | 4.0 | Red | 34 | 50 | ESP - Traction Control (constant live) | From |
| 3 | 4.0 | Red/Black | 33 | 50 | Ignition starter switch (constant live) | From |
| N11-8 | Wire Size | Wire Colour | Function | | | To/From SAM |

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|-------|------------|------------------------------|--------------------------------------------------------------------------|-------------|----------|--------------|
| 1 | - | - | - | | | - |
| 2 | 0.5 | Brown/White | Ground for boot release | | | From |
| 3 | 0.5 | Grey/Red | Windscreen wiper stalk in intermittent position | | | To |
| 4 | 0.5 | Yellow/White | Right door microswitch (door open) [swap with 19 for LHD/RHD conversion] | | | From |
| 5 | - | - | - | | | - |
| 6 | - | - | - | | | - |
| 7 | - | - | - | | | - |
| 8 | 0.5 0.5 | Yellow/Green Yellow/Green | Crash signal two airbags Crash signal side airbags | | | From From |
| 9 | 0.75 | Pink/Red | Wiper motor park signal from wiper motor | | | To |
| 10 | 0.5 | Green/Blue | Console backlight signal from headlight stalk | | | To |
| 11 | 0.35 | Black/Green | Cruise control supply | | | From |
| 12 | - | - | - | | | - |
| 13 | 0.5 | Brown | Ground for wiper system | | | From |
| 14 | 0.35 | White/Black | CAN interface High (to instrument cluster) | | | Both |
| 15 | 0.35 | Brown/Red | CAN interface Low (to interface cluster) | | | Both |
| 16 | 0.5 | Red | Steering wheel horn and paddle wheel | | | From |
| 17 | 0.5 | Yellow | Wiper stalk in fast position (up two positions) | | | To |
| 18 | 0.5 | Blue/Black | Central locking system door microswitches | | | From |
| 19 | 0.5 | Yellow/Red | Left door microswitch (door open) [swap with 4 for LHD/RHD conversion] | | | From |
| 20 | 0.5 | Green | Remote boot release switch | | | From |
| 31 | 0.5 | Blue | Interior fan in OFF position (to disable aircon) | | | To |
| 32 | 0.5 | Blue/White | Roof bar microswitches (to stop electric roof) | | | From |
| 33 | 0.5 | Pink/Black | Boot microswitch (to stop electric roof) | | | From |
| 34 | 0.5 | Grey | Hand brake indicator switch | | | From |
| 35 | 0.5 | White | Electric soft top switch | | | From |
| 36 | - | - | - | | | - |
| 37 | - | - | - | | | - |
| 38 | 0.5 | Grey/Blue | Ignition switch in position 2 | | | To |
| 39 | 0.35 | White/Black | CAN interface Low (to MEG and steering assist) | | | Both |
| 40 | 0.35 | Brown/Red | CAN interface High (to MEG and steering assist) | | | Both |
| N11-9 | Wire Size | Wire Colour | Function | | | To/From SAM |
| 1 | 0.75 | Black/White | Left indicators | | | From |
| 2 | 0.35 | Grey | Aircon first stage from triangle | | | To |
| 3 | 0.35 | White/Grey | OBD port pin 1 | | | From |
| 4 | 0.5 | Grey/Blue | Interior light (signal from door open) | | | From |
| 5 | - | - | - | | | - |
| 6 | 0.5 | Pink | Front fog lamp relay ground (from external fog lamp relay) | | | To |
| 7 | 0.35 | Pink/Red | Cruise control (from stalk) | | | To |
| 8 | - | - | - | | | - |
| 9 | 0.5 | Blue/Yellow | Auto lights switch | | | From |

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|---------------|------------------|--------------------|----------------------------------------------------------------------|--------------------|--------------------------------------------------|--------------------|
| 10 | 0.35 | Green/Brown | Cruise control (from stalk) | | | To |
| 11 | 0.75 | Black/Green | Right indicators | | | From |
| 12 | 0.35 | Violet/Blue | Hazard light switch (from triangle) | | | To |
| 13 | 0.35 | Blue | Central locking switch (from triangle) | | | To |
| 14 | 0.5 | Violet | LIN bus to trip computer / pods / rain & light sensor | | | Both |
| 15 | - | - | - | | | - |
| 16 | 0.5 | Blue/White | Wiper system relay ground | | | To |
| 17 | 0.35 | Yellow/Black | Front fog lamp switch (on/off signal) | | | From |
| 18 | 0.5 | Blue/Yellow | Auto lights switch | | | From |
| 19 | - | - | - | | | - |
| 20 | 0.5 | White | Infra red / Radio key receiver data link | | | Both |
| 31 | 0.35 | Green | Aircon second stage from triangle | | | To |
| 32 | 0.35 | Black/Red | Rear window (and electric wing mirror) heater switch from triangle | | | To |
| 33 | 0.5 | Red/Yellow | Rear fog light switch signal from headlight stalk | | | To |
| 34 | 0.5 | Yellow | High beam flash signal from headlight stalk (stalk pulled back) | | | To |
| 35 | 0.5 | Yellow/Green | Low beam signal from headlight stalk (stalk twisted to 2nd position) | | | To |
| 36 | 0.5 | Green/Blue | Wiper stalk in slow constant wipe position (up one position) | | | To |
| 37 | 0.5 | Yellow/Black | Fog light switch | | | From |
| 38 | 0.5 | Blue | Right indicators from headlight stalk | | | To |
| 39 | 0.5 | Black/Green | Left indicators from headlight stalk | | | To |
| 40 | 0.5 | Red/Green | Washer pump signal from wiper stalk (stalk pulled back) | | | To |
| N11-10 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | 1.0 | Brown | - | - | Ground | From |
| 2 | 1.5 | White | - | - | Aircon compressor | From |
| 3 | 2.5 | Brown/Green | - | - | Front radiator fan | From |
| 4 | 1.0 | Grey/Blue | 31 | 30 | Central locking (doors & fuel cover) Lock/Unlock | Both |
| 5 | 1.0 | White/Blue | 31 | 30 | Central locking (doors & fuel cover) Lock/Unlock | Both |
| 6 | 1.5 | Blue/Red | 31 | 30 | Horn | From |
| 7 | 1.5 | Yellow | 15 | 15 | Intercooler / Chargecooler fan | From |
| 8 | 0.5 | Red | 31 | 30 | Boot release solenoid | From |
| N11-11 | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| 1 | 16.0 | Red | - | - | Main supply from battery | To |
| R | Wire Size | Wire Colour | Fuse No. | Fuse Rating | Function | To/From SAM |
| R1 | - | - | - | - | - | - |
| R2 | - | - | - | - | - | - |
| R3 | - | - | - | - | - | - |

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|-------|------------|-------------|----------|-------------|--------------|-------------|
| R4 | - | - | - | - | - | - |
| R5 | - | - | - | - | - | - |
| R6 | - | - | - | - | - | - |
| R7 | - | - | - | - | - | - |
| R8 | - | - | - | - | - | - |
| R9 | 1.5 1.5 | Red Red | 44 | 25 | Heated seats | From |

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Last update: **2016/10/20 21:44**

